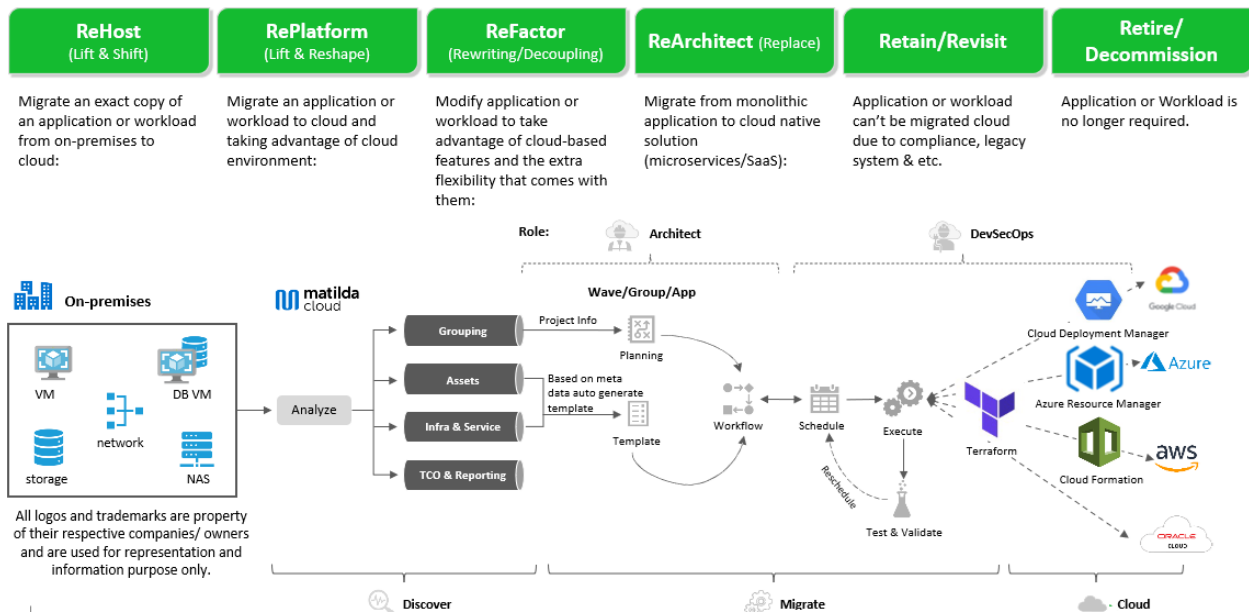# Xoriant's VMware Workload Migration to Azure Cloud Native Program using Matilda Cloud

Automate VMware workload migrations to Azure Cloud Native Compute, optimizing performance and cost while ensuring secure, efficient transitions with minimal disruption.

Overview:

Matilda Cloud's Migrate service offers a seamless, automated migration solution designed to transition your VMware workloads to Azure efficiently and securely. By leveraging our structured, phased approach and advanced automation tools, we simplify the migration process, ensuring minimal disruption and optimized performance in your new cloud environment.

Benefits:

- **Cloud Native Migration:** Enable seamless migration of VMware workloads to Azure Cloud Native Compute, reducing complexities and ensuring optimal performance.
- **Seamless Rehost Support:** Rehost your VMware workloads to Azure, leveraging our comprehensive support for various operating systems and middleware.
- **Reduced Learning Curve:** Simplify the migration process without needing different tools for each VMware and Azure Cloud Native Compute, making it easier for your team to manage.
- **Time Efficiency:** Accelerate your migration timeline with our automated, hybrid cloud rehost solutions, ensuring quick and smooth transitions.
- **Comprehensive Planning:** Utilize wave planning and workflow scheduling to manage VMware migrations efficiently and reduce downtime.
- **Inter-dependency Mapping:** Gain a clear understanding of your application dependencies for a more accurate and effective VMware migration.

- **Enhanced Security:** Benefit from encryption both in transit and at rest, using customer encryption keys and cloud provider keys for maximum security.

Deliverables Overview:

- **Authentication Stage:** Configure roles, permissions, and user profiles, and install necessary agents to prepare for VMware migration.
- **Configuration Stage:** Set up cloud profiles, replication configurations, and launch configurations tailored to your VMware environment.
- **Replication Stage:** Create initial snapshots and incremental snapshots to ensure data integrity and continuity.
- **Testing Stage:** Establish target servers and validate their functionality to ensure a seamless transition.
- **Cutover Stage:** Initiate the final cutover process and complete the VMware migration with minimal disruption to your operations.

Key Features:

- **Accelerated Migrations:** Speed up and automate the migration process of VMware workloads to Azure.
- **Landing Zone Creation:** Automatically create Landing Zones in your target clouds for VMware environments.
- **Rehosting and Replatforming:** Fully automate key VMware migration rehosting and replatforming use cases with improved efficiency.
- **Policy Compliance:** Ensure policy compliance with standard cloud configuration templates for Azure.
- **Terraform Infrastructure as Code:** Automatically generate Terraform Infrastructure as Code for easy and efficient deployment in Azure.
- **Customized Installation Scripts:** Provide customized installation scripts (Ansible, PowerShell, Python, Helm Charts) for all supporting software required by the migrated applications.

Highlights:

- **Accelerated and Automated Migration:** Leverage advanced automation to speed up and simplify the migration process of VMware workloads to Azure, ensuring quick and efficient transitions with minimal downtime.
- **Comprehensive Planning and Execution:** Benefit from a phased approach, wave planning, and detailed architecture inter-dependency mapping to ensure accurate, efficient, and scalable migrations tailored to your specific VMware needs.
- **Enhanced Security and Policy Compliance:** Ensure robust security with encryption in transit and at rest, and maintain policy compliance with automated standard cloud configuration templates and Infrastructure as Code for VMware environments